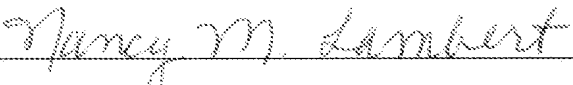


FORM PTO-1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DATE: June 29, 2006	
<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 USC § 371</b>				ATTORNEY DOCKET NUMBER 60342US002	
				U.S. APPLICATION NO. (if known, see 37 CFR § 1.5)	
INTERNATIONAL APPLICATION NO. PCT/US2004/042455		INTERNATIONAL FILING DATE 17 December 2004		PRIORITY DATE CLAIMED 30 December 2003	
TITLE OF INVENTION DETECTION CARTRIDGES, MODULES, SYSTEMS AND METHODS					
APPLICANT(S) FOR DO/EO/US Chad J. Carter, Lake Elmo, Minnesota, U.S.A.; Larry H. Dodge, River Falls, Wisconsin, U.S.A.; Samuel J. Gason, St. Paul, Minnesota, U.S.A.; Raymond P. Johnston, Lake Elmo, Minnesota, U.S.A.; Jeffrey D. Smith, Marine on St. Croix, Minnesota, U.S.A.; and Kenneth B. Wood, Minneapolis, Minnesota, U.S.A.					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC § 371.					
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC § 371.					
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).					
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC § 371(c)(2)).					
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).					
b. <input type="checkbox"/> has been communicated by the International Bureau.					
c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)					
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC § 371(c)(2)).					
a. <input type="checkbox"/> is attached hereto					
b. <input type="checkbox"/> has been previously submitted under 35 USC § 154(d)(4)					
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3))					
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).					
b. <input type="checkbox"/> have been communicated by the International Bureau					
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired					
d. <input checked="" type="checkbox"/> have not been made and will not be made.					
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)).					
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)).					
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC §§ 371(c)(5)).					
<b>Items 11 to 20 below concern document(s) or information included:</b>					
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR §§ 1.97 and 1.98.					
12. <input type="checkbox"/> An assignment to 3M Innovative Properties Company will follow.					
13. <input type="checkbox"/> A preliminary amendment.					
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR § 1.76.					
15. <input type="checkbox"/> A substitute specification.					
16. <input type="checkbox"/> A power of attorney and/or change of address letter.					
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13 <del>ter</del> .2 and 37 CFR §§ 1.821 – 1.825.					
18. <input type="checkbox"/> A second copy of the published international application under 35 USC § 154(d)(4).					
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC § 154(d)(4).					
20. <input type="checkbox"/> Other items or information:					

☒ Customer Number for  
**Correspondence Address:**

**32692**

U.S. APPLN. NO. (if known, see 37 CFR § 1.5):		INTERNATIONAL APPLN. NO.: PCT/US2004/042455		ATTORNEY'S DOCKET NO.: 60342US002	
<b>The following fees will be paid via EFS-Web at the time of filing:</b>				<b>Calculations</b>	<b>PTO Use Only</b>
21.	<input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....	\$300		\$300.00	
22.	<input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
All other situations.....				\$200	\$200.00
23.	<input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))				
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....				\$400	\$400.00
All other situations.....				\$500	
<b>TOTAL OF 21, 22 and 23=</b>				<b>\$900.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence or computer program listing filed in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
<b>Fee Calc</b>	<b>Number Filed</b>	<b>(Minus 25%) EFS Filing</b>	<b>Minus 100</b>	<b>Calc.Extra</b>	<b>Rate (for ea.add'l 50)</b>
Application Size Fee	62	47	0	0	\$250.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e)).				\$0.00	
<b>CLAIMS</b>		<b>NUMBER FILED</b>		<b>EXTRA</b>	<b>RATE</b>
Total claims		36		- 20 =	16
Independent claims		5		- 3 =	2
Add'l fee for one or more multiple dependent claims				\$360.00	\$0.00
<b>Total Amount Due</b>				<b>\$2,100.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27. The fees indicated above are reduced by 1/2.				\$0.00	
<b>SUBTOTAL =</b>				<b>\$2,100.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f)).				\$0.00	
<b>TOTAL NATIONAL FEE =</b>				<b>\$2,100.00</b>	
Fee for recording the enclosed assignment (37 CFR § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR §§ 3.28, 3.31). \$40.00 per property				\$0.00	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2,100.00</b>	
				Amount to be refunded:	
				Amount to be charged	\$2,100.00
a. <input checked="" type="checkbox"/> Fees will be paid via EFS-Web at the time of filing. b. <input type="checkbox"/> Please charge my Deposit Account No. 13-3723 in the amount of \$_____ to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3723					
<b>NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>					
Signature					
 <b>Name:</b> NANCY M. LAMBERT				<b>Registration Number:</b> 44,856	
<b>Address:</b> Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427					